

14202 U.S. PTO  
121103

Docket No.: 03-MM-04  
85.82926/004 (MST1297 US1)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Bateman, et al

Serial No. To-Be-Determined

22581 U.S. PTO  
10/733925  
121103

Mail Stop: New Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

UTILITY PATENT (Large Entity)  
NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of:

Inventor(s): Robert Harold Bateman, Jeff Brown and Daniel James Kenny

For (title): ION DETECTOR

1. Cross Referenced To Related Applications. This application claims priority from U.S. Provisional Application No. 60/433,023, filed December 13, 2002 and United Kingdom Patent Application 0229001.3, filed December 12, 2002. The contents of these applications are incorporated herein by reference.

.....  
CERTIFICATION UNDER 37 C.F.R. 1.10

I hereby certify that this New Application Transmittal and the documents referred to as papers enclosed therein are being deposited with the United States Postal Service on this 11 of December, 2003, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EL908622147US, addressed to the: Mail Stop: New Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

By: \_\_\_\_\_

Print Name: \_\_\_\_\_

*Robert Crivello*  
ROBERT CRIVELLO

2. Papers Enclosed:

A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153

38 Pages of specification  
13 Pages of claims  
1 Abstract sheet  
8 Drawing sheets – Fig. 1 – Fig. 11  
60 Total

3. Fee Calculation (37 C.F.R. 1.16 ) utility application

**CLAIMS AS FILED**

Number of Claims	Rate	Basic Fee
		37 C.F.R. 1.16(a) \$770.00
Total: 56 claims		
Claims (37 CFR 1.16(c)) 54 -20 = 34 ×	\$ 18.00	612.00
Independent: 2 claims		
Claims (37 CFR 1.16(b)) 2 -3 = ×	\$ 86.00	172.00
Multiple dependent claim(s), if any (37 CFR 1.16(d) ) +	\$290.00	0
		\$ 612.00

4. Payment of Fees:

Filing fee \$770.00  
Claim fee 612.00  
Total \$ 1382.00

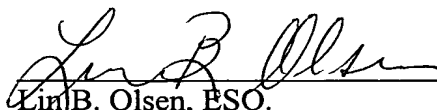
5. Method of Payment of Fees: Please charge account no. 23-0503 in the amount of \$ 1382.00. In the event, Applicant is mistaken as to the calculation of fees, Applicant authorizes the Commissioner to charge any additional fees to Account No. 23-0503.

A duplicate of this transmittal is attached.

6. Correspondence: Correspondence should be sent to Anthony J. Janiuk, Esq., Waters Corporation, Legal Department, 34 Maple Street, Milford, Massachusetts 01757, USA.

Respectfully submitted,

Tel. (508) 482-2549  
Fax. (508) 482-2320

  
Lin B. Olsen, ESQ.  
Reg. No. 41,230